

## RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/758,329A

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## RAW SEQUENCE LISTING

DATE: 02/02/2005

PATENT APPLICATION: US/10/758,329A

TIME: 16:56:58

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Output Set: N:\CRF4\02022005\J758329A.raw

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3 <110> APPLICANT: Bondarev, Igor E.
5 <120> TITLE OF INVENTION: MODULATION OF LINE-1 REVERSE TRANSCRIPTASE
7 <130> FILE REFERENCE: 04-40018-US
9 <140> CURRENT APPLICATION NUMBER: 10/758,329A
10 <141> CURRENT FILING DATE: 2004-01-15
12 <150> PRIOR APPLICATION NUMBER: US 60/440,988
13 <151> PRIOR FILING DATE: 2003-01-15
15 <160> NUMBER OF SEQ ID NOS: 8
17 <170> SOFTWARE: PatentIn version 3.2
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 929
21 <212> TYPE: DNA
22 <213> ORGANISM: Homo sapiens
24 <220> FEATURE:
25 <223> OTHER INFORMATION: L1 retrotransposon nucleotides 1987 to 2915
27 <400> SEQUENCE: 1
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32 attcaggaaa cccatctcac gtgcagagac acacataggg tcaaaataaa aggatggagg      180
34 aagatctacc aagccaatgg aaaacaaaaa aaggcagggg ttgcaatcct agtctctgat      240
36 aaaacagact ttaaaccaac aaagatcaaa agagacaaaag aaggccatta cataatggta      300
38 aagggatcaa ttcaacaaga ggagctaact atcctaaata tttatgcacc caatacagga      360
40 gcacccagat tcataaagca agtcctcagt gacctacaaa gagacttaga ctcccacaca      420
42 ttaataatgg gagactttaa caccctactg tcaacattag acagatcaac gagacagaaa      480
44 gtcaacaagg ataccaggga attgaactca gctctgcacc aagcagacct aatagacatc      540
46 tacagaactc tccaccccaa atcaacagaa tatacatttt tttcagcacc acaccacacc      600
48 tattccaaaa ttgaccacat agttggaagt aaagctctcc tcagcaaagt taaaagaaca      660
50 gaaattataa caaactatct ctgagaccac agtgcaatca aactagaact caggattaag      720
52 aatctcactc aaagccgctc aactacatgg aaactgaaca acctgctcct gaatgactac      780
54 tgggtacata acgaaatgaa ggcagaaata aagatgttct ttgaaaccaa cgagaacaaa      840
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58 gcactaaatg cctacaagag aaagcagga                                929
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63 <212> TYPE: DNA
64 <213> ORGANISM: Artificial Sequence
66 <220> FEATURE:
67 <223> OTHER INFORMATION: Oligonucleotide
69 <400> SEQUENCE: 2
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73 <210> SEQ ID NO: 3
74 <211> LENGTH: 30
75 <212> TYPE: DNA

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76 <213> ORGANISM: Artificial Sequence
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99 <212> TYPE: DNA
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127 <223> OTHER INFORMATION: Oligonucleotide
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**VERIFICATION SUMMARY**

DATE: 02/02/2005

PATENT APPLICATION: US/10/758,329A

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